

5 POLE MID POWER **SPEC Pak**®

Sealed Power For Environmental Connections



3 Phase AC Power Distribution | Motors & Controls | Industrial Equipment

60 Amps | Compact Sealed Connector | IP68



APP®
Anderson Power Products®

An **IDEAL** Company

Electrical		
Current Rating (Amperes)	UL 1977	CSA
10 AWG	45	30
8 AWG	60	40
Voltage Rating		
UL 1977 (AC/DC)	600	
Grounding		
UL 2238, Sec 37.8	Pass	
Contact Resistance (average)	.300 Milliohms	

AP US File No. E26226

Materials	
Shell, Housing & Sealing Nut	PC/PBT
Contact Holders	PBT- GF
Contact Retention Clip	Be-Cu
Latch	Stainless Steel
Flammability	UL 94 V-0
Weatherability	UL 746C F1
Sockets	Copper
SC08-GH	Ag plating over Ni
SC08-SN	Ag plating over Ni
Pins	Copper
PP08SGH	Ag plating over Ni
PC08SSN	Ag plating over Ni

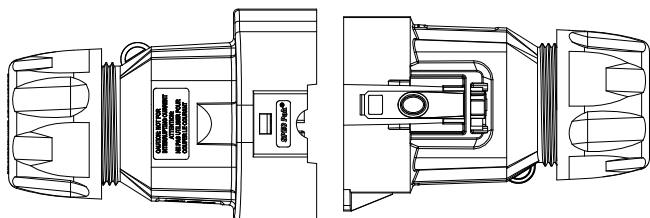
Silver = Ag Gold = Au Nickel = Ni

Mechanical	
Environmental Seal	
IEC 60529	IP 68
UL 50E	Pass
Wire Size	10 to 8 AWG 6.0 to 8.4 mm ²
Operating Temperature	
UL 1977	-40 to 105°C -40 to 221°F
Mating Cycles (no load)	250 min
Mating Force (nominal)	28 lbf 125 N
Unmating Force	12 lbf 53 N
Contact Retention Force (min)	50 lbf 222 N
Touch Safe (IEC 60529)	IP 20 (socket side only)

| ORDERING INFORMATION |

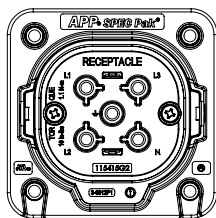
SPEC Pak® is a highly configurable environmentally sealed connector. For convenience, follow the steps below to determine component part numbers.

Step 1: Select Shell



SK1-076D05
Inline Receptacle

SK6-076D05
Plug

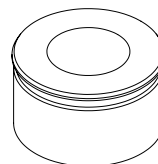


SK2-076D05
Panel Mount Receptacle & Gasket

Description	- Part Numbers -
Minimum Quantity	25
Inline Receptacle Shell	SK1-076D05
Plug Shell	SK6-076D05
Panel Mount Receptacle	SK2-076D05
Receptacle Cover	SK9-076
Plug Cover	SK9P-076

Contact holders are available with multiple keys, please inquire.

Step 2: Select Sealing Gland



* Define:

	Number of Wires	Wire OD
Wires		
- Discrete	_____	_____
- Bundled	_____	_____

* Select wire protection that will accommodate the number of wires and outer diameter (OD) of the wire used in your application.

* Wire protection is required for use with inline receptacles (SK1-076D0) and plugs (SK6-076D05) to obtain IP68 seal.

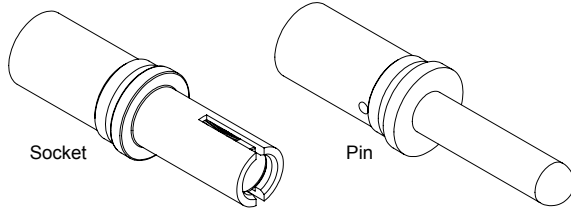
Number of Holes	Cable Range Wire Outer Diameter mm (in)	Sealing Grommet Only - Part Numbers -
Minimum Quantity		10
1	18.0 - 24.0 mm (0.79" - 0.85")	B02130P7

Other sealing grommets available, please inquire.

Torque Requirements

Hand tighten. Using a 44 mm wrench or strap wrench, tighten an additional 3/4—1 turn.

Step 3: Select Contacts



* Define:

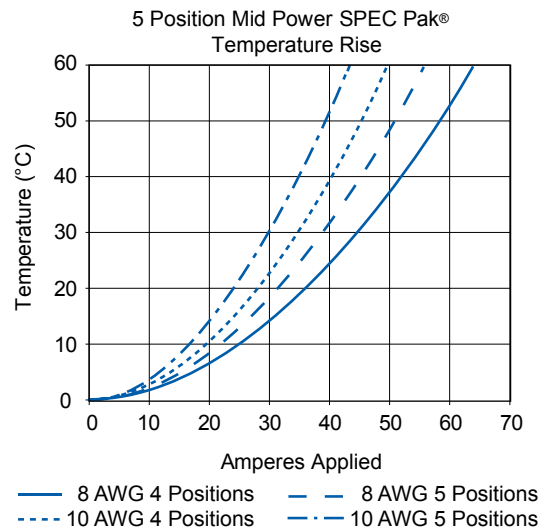
Contacts Number of Circuits Wire Gauge
 - Power _____ _____
 - Other _____ _____

Amps (continuous): ____ Max amps at ____ volts

* Select power and/or ground contacts appropriate for your wire size (AWG or mm²).

• Sockets are used in the receptacles
 (part numbers SK1-076D05 & SK2-076D05)

• Pins are used in the plug
 (part number SK6-076D05)



Description	- Part Numbers -
Minimum Quantity	10
Power Drawer® #8 socket crimp, first-mate	SC08-GH
Power Drawer® #8 socket crimp, standard mate	SC08-SN
Power Drawer® #8 plug crimp, first-mate	PP08SGH
Power Drawer® #8 plug crimp, standard mate	PC08SSN

| TOOLING |

Wire Size		Part Number		Crimp Tools								
AWG	MM²	Power Contact	Description	Pneumatic Bench Tool	+	Die	+	Locator	OR	Daniels Mfg Tool*		
										Tool	Die	Locator
#8/10	8.4/6.0	SC08-GH	POWER DRAWER CONT.#8 SOC.CRIMP, FIRST MATE	1387G1		1388G6		1389G19		M22520/23-01	M22520/23-2	M22520/23-9
#8/10	8.4/6.0	SC08-SN	POWER DRAWER CONT.#8 SOC.CRIMP, STD.MATE							M22520/23-01	M22520/23-2	M22520/23-9
#8/10	8.4/6.0	PP08SGH	POWER DRAWER CONT.#8 PIN,CRIMP, STD.MATE, FIRST MATE							M22520/23-01	M22520/23-2	M22520/23-9
#8/10	8.4/6.0	PC08SSN	POWER DRAWER CONT.#8 PIN,CRIMP, STD.MATE							M22520/23-01	M22520/23-2	M22520/23-9

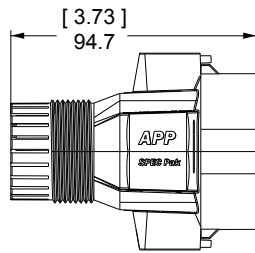
* Must contact Daniels directly for this tooling option, www.dmctools.com.



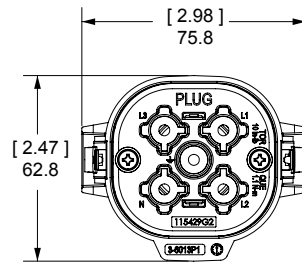
Dimensions

| PLUG MID POWER |

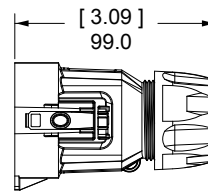
Top View



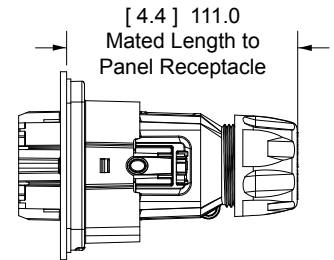
Front View



Side View

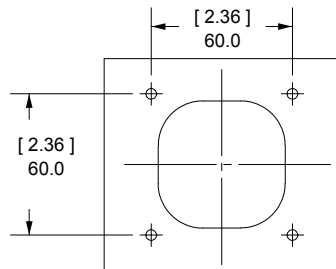


Mated View

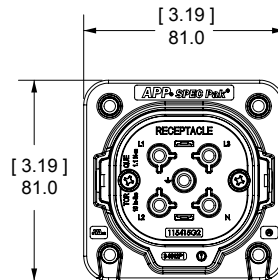


| PANEL MOUNT RECEPTACLE MID-POWER |

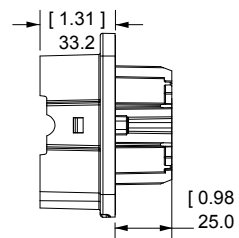
Panel Cut Out



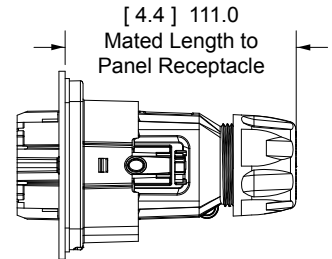
Front View



Side View

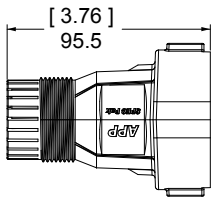


Mated View

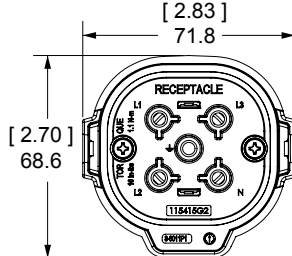


| INLINE RECEPTACLE MID-POWER |

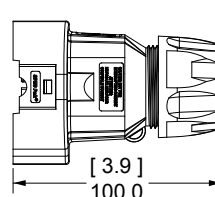
Top View



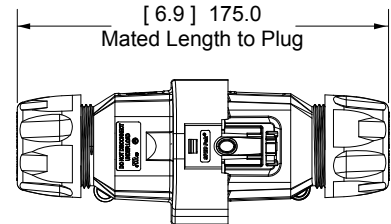
Front View



Side View

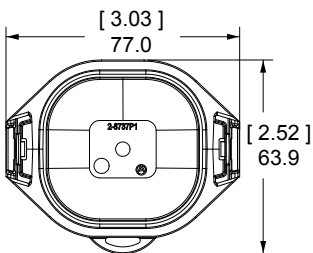


Mated View

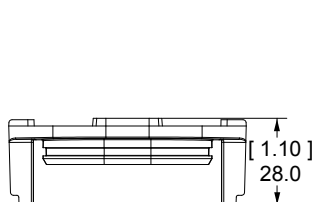


| PLUG COVER KIT |

Front View

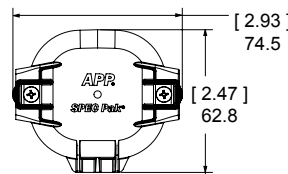


Side View

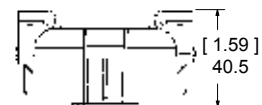


| RECEPTACLE COVER KIT |

Front View



Side View



DS-MPSPAK5P REV 0

All Data Subject To Change Without Notice

© 2016 Anderson Power Products, Inc. All rights reserved. SPEC Pak®, Power Drawer®, APP®, Anderson Power Products® and the APP logo are registered trademarks of Anderson Power Products, Inc.

HEADQUARTERS: Anderson Power Products®, 13 Pratts Junction Road, Sterling, MA 01564-2305 USA T: 978-422-3600 F: 978-422-0128 • **EUROPE:** Anderson Power Products® Ltd., Unit 3, Europa Court, Europa Boulevard, Westbrook, Warrington, Cheshire, WA5 7TN United Kingdom T: +44 (0) 1925 428390 F: +44 (0) 1925 520203 • **ASIA / PACIFIC:** IDEAL Anderson Asia Pacific Ltd., Unit 922-928 Topsail Plaza, 11 On Sum Street, Shatin N.T., Hong Kong T: +(852) 2636 0836 F: +(852) 2635 9036 • **CHINA:** IDEAL Anderson Technologies (Shenzhen) Ltd., Block A8 Tantou Western Industrial Park, Songgang Baoan District, Shenzhen, P.R. China 518105 T: +(86) 755 2768 2118 F: +(86) 755 2768 2218 • **TAIWAN:** IDEAL Anderson Asia Pacific Ltd., Taiwan Branch, 4F-2, No.116, Dadun 20th St., Situn District, Taichung City 407, Taiwan (R.O.C.) T: +(886) 4 2310 6451 F: +(886) 4 2310 6460 • www.andersonpower.com

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Anderson Power Products:](#)

[PP08SGH](#) [SK2-076D05](#) [SC08-GH](#) [SK1-076D05](#) [SK6-076D05](#)

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9